

- B1
1. (Twice Amended) A ferroelectric device, comprising:
a prestress layer [placed on a mold]; and
a ferroelectric layer placed on the prestress layer[, such that] to create a layered structure, the ferroelectric layer having a thermal compression rate different from the thermal compression rate of the prestress layer, the layered structure having a prestress induced [is created wherein a prestress is induced into the layered structure] by heating and subsequently cooling the layered structure.
 2. (Twice Amended) The device of claim 1, wherein the prestress layer includes a reinforcing material.

REMARKS

This reply responds to the Office Action dated July 28, 1998. Claims 1-8 are pending in this application. No claims have been allowed. The Examiner rejected claims 1, 3, 4, 6, and 7 under 35 U.S.C. § 102 (a) and claims 2, 5, and 8 under 35 U.S.C. § 103 (a).

In response to the Examiner's rejection, the Applicants have amended Claim 1 to incorporate language provided in the specification. This amendment adds no new matter within the meaning of 37 C.F.R. § 1.118. For the reasons detailed below, the Applicants respectfully request the Examiner to reconsider and allow the pending claims as amended.

1. 35 U.S.C. § 102 (a) Rejections

The Examiner rejected claims 1, 3, 4, 6 and 7 under 35 U.S.C. 102(a) as being clearly anticipated by Nilsson, Higgins, Schafft (552), Korwin or Kolm. The Applicants respectfully traverse the Examiner's rejection and assert that all five of the cited references fail to anticipate the features of amended claim 1.

Claim 1 as now amended is directed to a ferroelectric device, comprising a prestress layer and a ferroelectric layer placed on the prestress layer to create a layered